

**SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
PERMIT APPLICATION PUBLIC NOTICE**

**April 18, 2008**

**Permit Number:** OCRM-08-050-Y  
**Permit ID:** 62403

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

**APPLICANT:** Waterfront Plantation, P.O.A.  
C/O G. Robert George & Associates, Inc.  
2411 Savannah Hwy  
Charleston, SC 29414

**LOCATION:** On and adjacent to Wappoo Creek at Waterfront Plantation Drive, James Island, Charleston County, South Carolina.  
TMS#: 343-04-00-094

**WORK:** The work as proposed and shown on the attached plans consists of repairing an existing bulkhead. Specifically, the applicant will add 4 rows of timber sheeting to the entirety of the existing 200' of bulkhead. Additional whalers may be added above or below existing whalers. The purpose of the proposed activity is for maintaining an existing erosion control structure.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

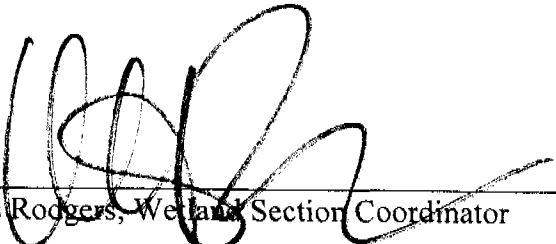
The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

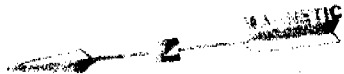
***To assure review by OCRM, comments regarding this application must be received by OCRM on or before May 3, 2008. For further information please contact the project manager for this activity, Josh Young at 843-953-0257.***

**PLEASE REPLY TO:**

SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
1362 McMillan Avenue, Suite 400  
Charleston, South Carolina 29405

**Please refer to P/N# OCRM-08-050-Y**

  
\_\_\_\_\_  
Tess Rodgers, Wetland Section Coordinator

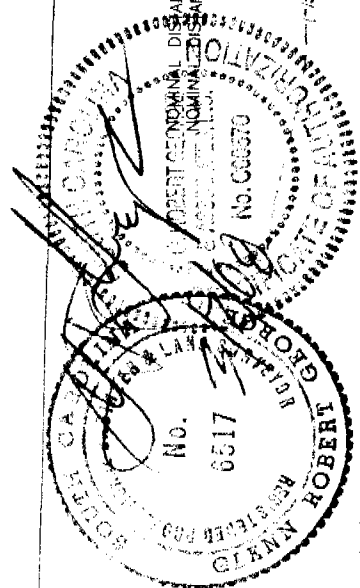


STRIP IVY AND TOPSOIL BACK AND  
REMOVE SOIL TO GEOTEXTILE FABRIC  
FILL TO WITHIN 1' OF TOP OF TIMBER  
BULKHEAD WITH SCOOT NO. 5 AGGREGATE  
ENCASED IN GEOTEXTILE FABRIC.  
FILL WITH APPROVED BACKFILL MATERIAL  
AND RELAY TOP SOIL AND IVY.



BULKHEAD SHEETING REPAIR

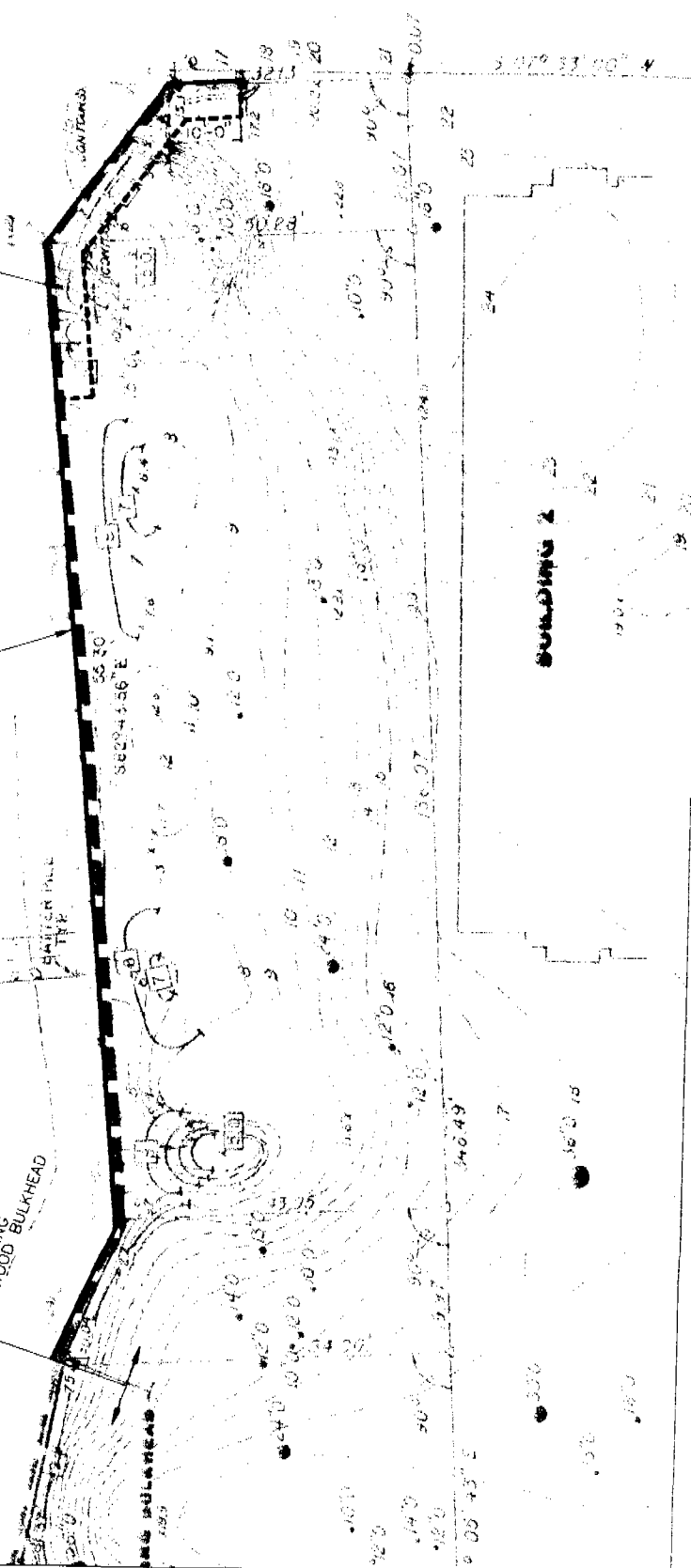
NOMINAL DISTANCE BETWEEN SOLDIER PILES IS 5'-0"  
NOMINAL DISTANCE BETWEEN BATTER PILES IS 10'-0"



WAPPOO CREEK

EXISTING  
STEEL BULKHEAD

EXISTING  
WOOD BULKHEAD



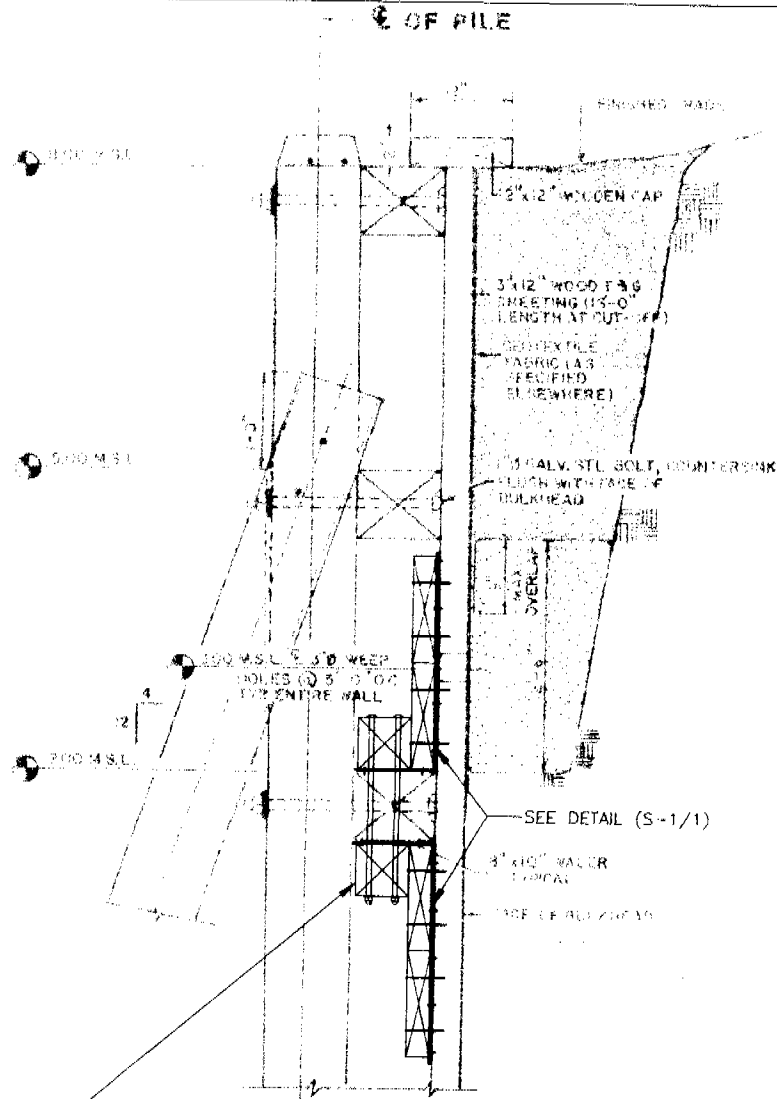
SUMMARY 1

APPLICANT: WATERFRONT PLANTATION, INC.  
MAINTENANCE AND REPAIR OF EXISTING TIMBER BULKHEAD  
LOCATED ON  
JAMES ISLAND  
CHARLESTON COUNTY, SOUTH CAROLINA

SITE LAYOUT  
WATERBODY: WAPPOO CREEK  
JOB NO.: 1342-1  
DRAWN BY: TB  
PROJECT ENGR: GRG

LAT: N32°45'52.1"  
LON: W79°58'56.4"  
DATE: 2-8-08  
SHEET 3 OF 5  
FILE: 1342-1.DWG

P/N: OCRM-08-050-Y

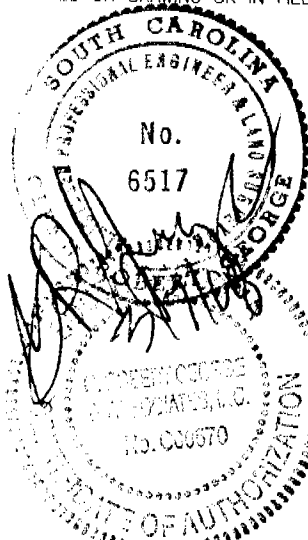
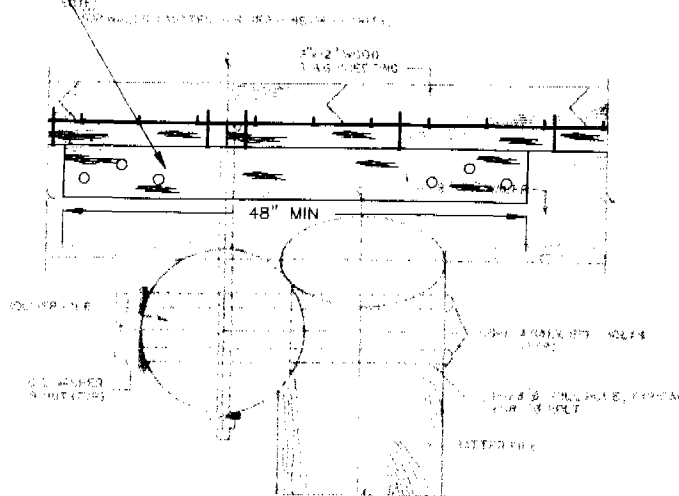


2-6"x6" NO. 1 SYP, KD19, 2.5 CCA,  
FASTENED WITH 3 1/2" 0.50 316 S.S. CARRIAGE  
BOLTS ON EACH END AS INDICATED BELOW.  
4" MIN. LENGTH. INSTALLED AT LOCATIONS  
INDICATED ON DRAWING OR IN FIELD.

S-2  
1

## WHALER SISTERING SECTION

NOT TO SCALE



**APPLICANT: WATERFRONT PLANTATION, INC.**  
**MAINTENANCE AND REPAIR OF EXISTING TIMBER BULKHEAD**  
**LOCATED ON**  
**JAMES ISLAND**  
**CHARLESTON COUNTY, SOUTH CAROLINA**

**DETAILS**  
**WATERBODY: WAPPOO CREEK**  
**JOB NO.: 1342-1**  
**DRAWN BY: TB**  
**PROJECT ENGR: GRG**

**LAT: N32°45'52.1"**  
**LON: W79°58'56.4"**  
**DATE: 2-8-08**  
**SHEET 5 OF 5**  
**FILE: 1342-1.DWG**

P/N: OCRM-08-050-4

E OF PILE

3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FASTENED WITH 60d 316 S.S. NAILS,  
3 AT 16" O.C.

BLOCKING ONLY NEEDED AT BUTT SPICES  
AND WILL BE LOCATED EITHER ON THE FIRST  
OR SECOND 3"x12" DEPENDING ON LOCATION  
OF BUTT SPICE

1-6"x6" NO. 1 SYP, KD19, 2.5 CCA,  
CUT TO FIT BETWEEN NEW 3"x12" AND  
PILE, CENTERED ON PILE. FASTENED  
WITH 60d 316 S.S. NAILS, AS  
INDICATED BELOW.

NOTE: SEE DETAIL FOR THE DETAILED  
NEW SPICE TO PILE CONNECTION.

NOTICE:  
BUTT SPICES SHALL NOT OCCUR  
AT WHALER SISTERING LOCATIONS

SCDOT NO. 5 AGGREGATE  
ONLY WHERE INDICATED

GEOTEXTILE FABRIC  
ONLY WHERE INDICATED

2-3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FROM BOTTOM OF SECOND WHALER  
FASTENED WITH 60d 316 S.S. NAILS,  
2 AT 16" O.C.

SCDOT #5  
AGGREGATE

MATCH WEEP HOLE  
LOCATION AND SIZE

SPRINKLED BACKFILL  
AS REQUIRED

2-3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FASTENED WITH 60d 316 S.S. NAILS,  
2 AT 16" O.C.

MIRAFI N-SERIES GEOTEXTILE FABRIC,  
OR APPROVED OTHER, FASTENED BY  
6d 316 S.S. NAILS AT 6" O.C. EACH WAY

3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FASTENED WITH 60d 316 S.S. NAILS,  
3 AT 16" O.C.

BLOCKING ONLY NEEDED  
AT BUTT SPICES

## TYPICAL BULKHEAD REPAIR SECTION

NOT TO SCALE

ALTERNATE BUTT SPICES OF SHEETING  
ONLY AT SOLDIER PILE LOCATIONS

1-6"x6" NO. 1 SYP, KD19, 2.5 CCA,  
CUT TO FIT BETWEEN NEW 3"x12" AND  
PILE, CENTERED ON PILE. FASTENED  
WITH 60d 316 S.S. NAILS, 2 ON EACH  
SIDE AT 45° ANGLES.

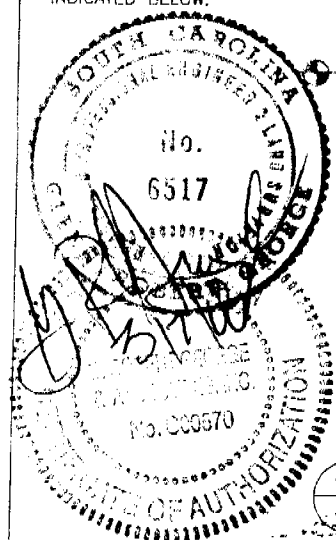
2-3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FROM BOTTOM OF SECOND WHALER  
FASTENED WITH 60d 316 S.S. NAILS,  
2 AT 16" O.C.

2' OF 3"x12" NO. 1 SYP, KD19, 2.5 CCA,  
FASTENED WITH 60d 316 S.S. NAILS, 3  
AT 16" O.C. BOARD CENTERED ON BUTT SPICE  
AND SOLDIER PILE.

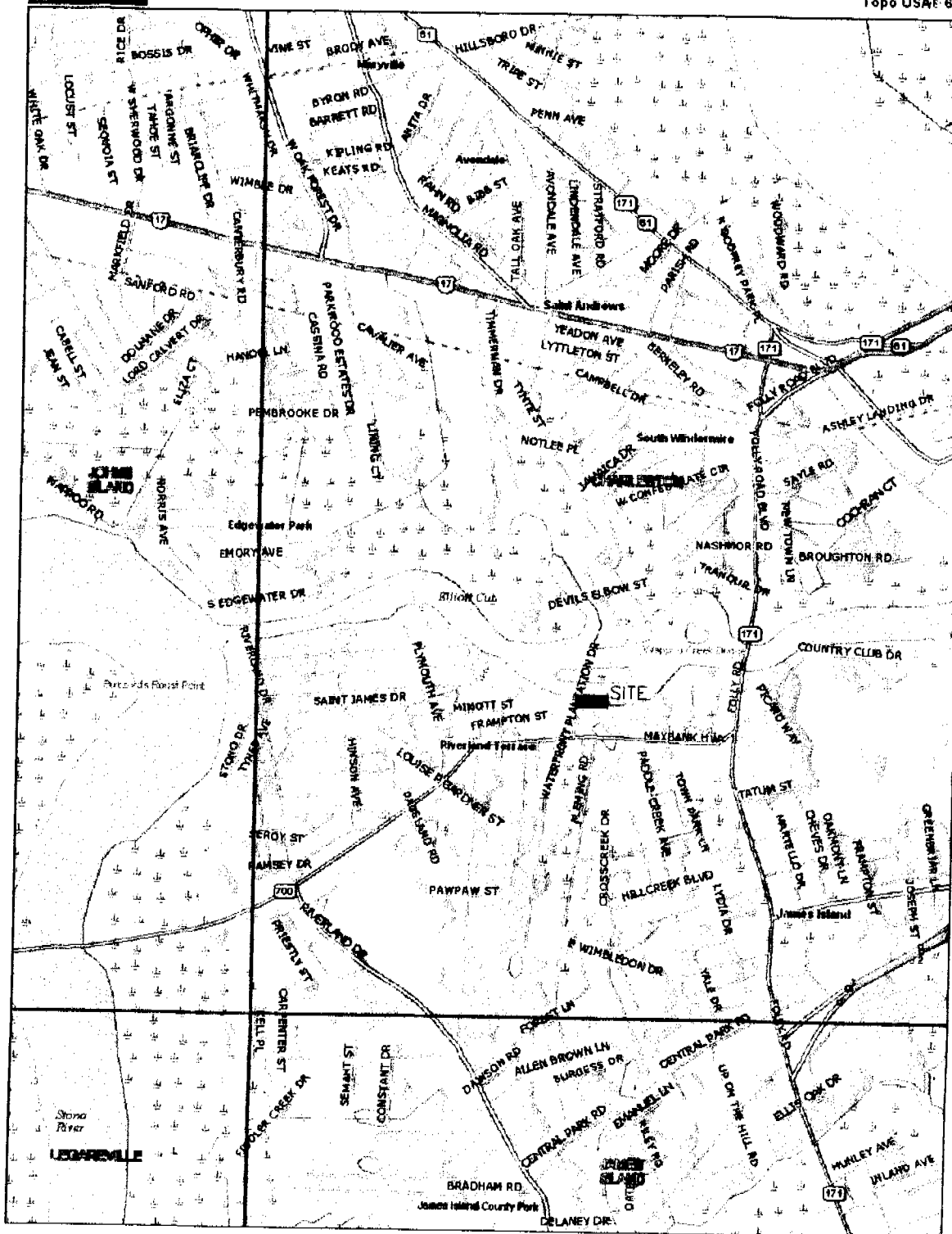
**APPLICANT: WATERFRONT PLANTATION, INC.**  
**MAINTENANCE AND REPAIR OF EXISTING TIMBER BULKHEAD**  
**LOCATED ON**  
**JAMES ISLAND**  
**CHARLESTON COUNTY, SOUTH CAROLINA**

**DETAILS**  
**WATERBODY: WAPPOO CREEK**  
**JOB NO.: 1342-1**  
**DRAWN BY: TB**  
**PROJECT ENGR: GRC**

**LAT: N32°45'52.1"**  
**CON: W79°58'56.4"**  
**DATE: 2-8-08**  
**SHEET 4 OF 5**  
**FILE: 1342-1.DWG**



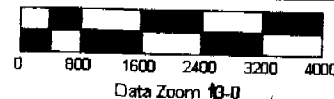
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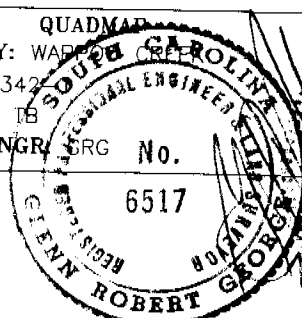
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**LOCATED ON**  
**JAMES ISLAND**  
**CHARLESTON COUNTY, SOUTH CAROLINA**

**QUADMAP**  
**WATERBODY: WATERS**  
**JOB NO.: 1342**  
**DRAWN BY: TB**  
**PROJECT ENGR: RRG No. 6517**  
**DATE: 2-8-08**  
**SHEET 1 OF 5**  
**FIG: 1342-1.DWG**



P/N: OCRM-08-050-4